

SOUTH PRODUCTION NOTES

**January 27, 2014
Morning Shift**

**BASF EMPLOYEES
65 Last Recordable
210 Last Lost Time**

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Make everyone aware that if we continue to make batches and DO store them in Building 27.....This will require the building to be regulated !

#1 MED Si-1624: Continue running.

Day shift: Continue.

Afternoon Shift: Continued on.

Midnight shift: Continued on.

#1 RC / Si-1624: Continue calcining.

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift: Continue calcining.

Exhaust to F-1

#2 MED line/ Cu-1230: On hold....both end seals leaking badly

Day Shift: Hold, end seals leaking badly. Work notification written. No activity Sunday

Afternoon Shift: On hold.

Midnight shift: On hold.

#2 RC/ Cu-1230: Calciner was shut down. Maintenance will not be working on the gear box. The replacement gear box is ordered with approximately a month lead time. Original prognosis was a gear box leak possibly due to overfilling. We will run and monitor until the replacement gear box comes in.

Day shift: Hold until Monday (see above)

Afternoon Shift: On hold.

Midnight Shift: Re-started rotation in reverse to clear remaining product prior to maintenance going in and removing the dam. Also, working on pulling the sintron out.

Most of the material has come out – since no bags of Cu-1230 seem to have been fed, the assumption is that the material still coming out is Cu-0602 and the drum has been labeled accordingly. Need to verify if flush is needed after the dam is removed.

Exhausting to CTO

#3 MED line / D-1798 NAQ: Continue on. Be sure to grease the end seals once a shift to prevent leakage from the end seals.

Day shift: Continued running but end seals are getting bad. May need to stop and re-assess on afternoon shift.

Afternoon Shift: Continued to run. Greased the end seals and the leak stopped. This should be performed once a shift.

Midnight Shift: Continue to run.

#3 RC/ D-1798 NAQ: Continue on

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift: Continued on.

Exhausting to CTO

Old Pfaudler – D 1795 done: Pfaudler and hopper rinsed.

Day Shift: Hold.

Afternoon Shift: Hold

Midnight shift: Hold

Tank 7 / AMT for D-1795 NAQ: Tank needs to be acid washed and cleaned out in order for IMC to repair level indicator. Please have this done by Monday.

Day shift: Acid rinse in tank and tank heating. Have the acid rinse pumped out sometime during midnight shift so IMC can have the tank on Monday morning (level gauge repairs)

Afternoon Shift: No change....see above.

Midnight shift: No activity. Did not find any empty totes to tote off acid water.

New Pfaudler / Ni-2458 : Bill Grodecki: DO NOT make another batch until all of the first dip lots have been calcined. If this changes, Bill Grodecki will advise.

Day shift: On hold

Afternoon Shift: On hold.

Midnight shift: On hold.

Tank 6 / Ni Solution: Solution was cooked down ... WATCH TEMPS ON TANK!!!

Day shift: Steam was left on 6 tank and it cooked down.

Afternoon Shift: Tank at 35 degrees.

Midnight Shift: No activity.

National Dryer / Ni 2458 : Continue feeding / keep temperature close to 80 degrees.

Day shift: No activity

Afternoon shift: No change.

Midnight shift: No activity.

#4 RC / Ni 2458: HOLD... Trimer issues (blower suction too low, actuated caustic valve to #2 recirc tank will not close, low gpm on #1 recirc tank). Work notification written for these items, along with separate work notification for verification of pH probe accuracy.

Day shift: Maintenance and electrician trying to work on caustic valve. If repaired, afternoon shift may attempt to restart feed. If not repaired, will wait until Monday and regroup.

Afternoon Shift: No change. No word from maintenance if anything was done on the trimer.

Midnight shift: No activity until Trimer is looked at.

Exhaust to Trimer

PK Blender / OxyVinyl Catoxid: Continue. Use 112 Bags. Bodmann making changes to Chrome needs.

Day shift: Continue

Afternoon Shift: Guttled building and cleaned the mess. Moved stored material to the pole barn after cleaning bags and pallets off.

Midnight shift: Made batches.

#5 RC / OxyVinyl Catoxid next: Currently down due to HEPA filter in poor condition. Will re-assess status on Monday morning (will need additional HEPA filters – do not have any more). When we restart, we will need to feed 3 batches in a row from the PK blender that are above batch 7083 and then begin alternating batches (1 batch above 7083, one batch below 7083). Fill out the #5 dust collector bag house sheet while running the chrome.

Day shift: Need – Inspected HEPA and shut down due to poor filter condition. Restart is on hold (see above)

Afternoon Shift: On hold.

Midnight shift: On hold. No Hepa filter available.

Exhaust to 5DC

Tower 3 / Cu-1986: Continue on. Should come down around noon on Monday.

Day shift: Continue

Afternoon shift: Tower should be ready to unload around noon on Monday.

Midnight Shift: Tower should come down late first shift or early second shift.

Tower 6 / E-474 done, reload Cu-1986: Tower unloaded and washing down for next load (Cu 1986).

Day shift: Tower unloaded and washing down. Will need to load Cu 1986 start of 2nd shift...need to locate the next load first (lot 198 Cu 1986).

Afternoon shift: Tower loaded.

Midnight Shift: Running.

Harrop Kiln - Al-3921 T 3/16": Down... saggars have been removed, screener parts at TK#2

Day shift: Down

Afternoon Shift: Down

Midnight Shift: Down.

North Screener / E 474: Continue on.

Day shift: Totes available from tower 6 unload Sunday

Afternoon Shift: Continued on.

Midnight shift: Continue to screen.

South Screener / Cu 1986: Continue on.

Day shift: Finishing last tote... Tower 3 will be next to unload for more Cu 1986 totes (by late Sunday or early Monday)

Afternoon Shift: On hold for more totes.

Midnight shift: Nothing to screen until tower comes down.

#6 - RC / D-0756: Will need to eventually clean the spiral, calciner and screener.

Day Shift: Down

Afternoon shift: Down

Midnight shift: Down

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

Day shift: Sagger change-over completed

Afternoon Shift: Cleaned inside and around Tunnel kiln #3.

Midnight shift: Continued to clean around tunnel kiln #3.

Tunnel Kiln #4 / Cu-0540 done: Continue cleaning under belt, and begin breakdown and cleaning of screener.

Day shift: Items to clean – general area cleaning around all three kilns, around/underneath electric calciner, control room office and in/around restrooms

Afternoon Shift:

Midnight shift: Continued cleaning efforts.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

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Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maintenance issues.

- 1) D-1798 NAQ Base – #3 MED/#3 RC
- 2) Reduction Towers, Specifically Tower 6 E-474 TRL reduction and screening. Continue to run Cu-1986 TRL through Tower 3.
- 3) Catoxid – PK
- 4) Ni-2458 E – West Pfaudler/National Dryer/#4RC
- 5) Catoxid – #5 RC
- 6) Cu-1230 E – #2 MED/#2 RC
- 7) Si-1624 E – #1 MED/#1 RC (scheduled start date is Monday, can be started earlier if labor is available)